

All communications should be
addressed to :

THE DEPUTY COMMONWEALTH STATISTICIAN,
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190

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

SIXTH FLOOR,
PRUDENTIAL BUILDING,
195 NORTH TERRACE,
ADELAIDE

In reply quote No.

FACTORIES

SOUTH AUSTRALIA

1965-66

SCOPE

This bulletin summarizes information relating to factory operations and shows either in total or by class of factory details of numbers of factories and persons employed, the capacity of engines used, and the values of production, output, salaries and wages paid, land and buildings, plant and machinery, and costs of production.

DEFINITIONS

For the purpose of the collection from which these statistics are compiled a factory is defined as an establishment in which four or more persons are employed or where power driven machinery is used in any manufacturing, repairing, or assembling process.

The figures relating to employment include proprietors who work in their own businesses but exclude those persons engaged in selling or distribution.

Value of output is the value of the goods manufactured and includes bounty and subsidy payments and amounts received for repair work and work done on commission; it excludes excise duties and all delivery costs and charges.

Value of production is the value added to raw materials by the process of manufacture and is calculated by deducting from the value of output the value of materials used, power and fuel consumed, tools replaced, containers, and repairs to plant and buildings.

Value of land and buildings and value of plant and machinery include estimated amounts for rented premises and plant.

All values in this issue are expressed in decimal currency (\$2 = £1). In tables where figures have been rounded, discrepancies between totals and sums of components are due to rounding.

COMMENT

The number of factories reporting details of operations in 1965-66 was 6,065, an increase of 3 per cent compared with a rise of 1 per cent in the previous year.

Average employment in factories during 1965-66 increased by 1.9 per cent to 118,343; increases in 1963-64 and 1964-65 were 5.3 and 4.8 per cent respectively. Salaries and wages paid per employee rose by \$31 to \$2,720 for males and by \$48 to \$1,420 for females, being increases of 1.2 per cent for males and 3.5 per cent for females; in 1964-65 there were rises of 9.5 per cent and 4.6 per cent respectively.

The value of production rose from \$498,588,000 in 1964-65 to \$527,477,000 in 1965-66, an increase of 5.8 per cent compared with increases of 9.0, 12.7 and 16.7 per cent in 1962-63, 1963-64 and 1964-65. The largest increases during 1965-66 occurred in factories classified to the motor body, the plant and machinery, the food and drink, and the chemicals and paints industries.

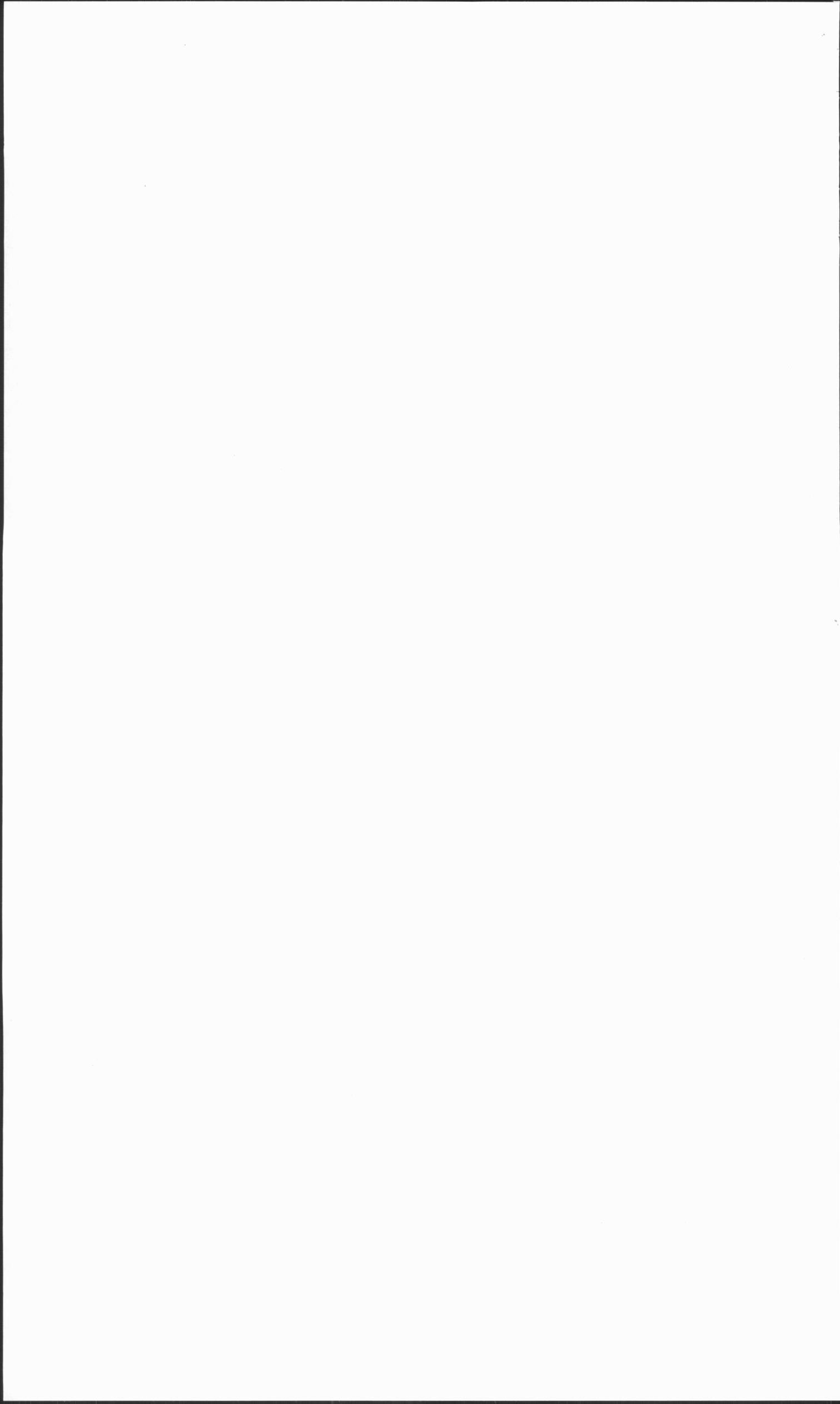


TABLE 1 - FACTORY OPERATIONS, SOUTH AUSTRALIA

Particulars	1961-62	1962-63	1963-64	1964-65	1965-66
Number of establishments	5,519	5,766	5,826	5,887	6,065
Employment (a) -					
Males	81,803	86,655	90,933	94,690	96,194
Females	17,291	18,610	19,880	21,493	22,149
	\$'000				
Value of -					
Salaries and wages paid -					
Males	178,771	197,821	215,127	245,565	252,260
Females	20,291	22,246	25,188	28,659	30,691
Materials used	390,670	466,238	558,884	620,682	647,311
Other costs of production (b)	65,097	68,694	75,547	87,560	95,751
Production	347,828	379,142	427,356	498,588	527,477
Output	803,595	914,074	1,061,786	1,206,830	1,270,539
Land and buildings	196,595	212,963	230,627	256,536	276,531
Plant and machinery	253,005	293,608	330,281	388,932	423,458

(a) Average employment over whole year, including working proprietors.
 (b) Containers, tools replaced, repairs to plant and buildings, and power, fuel, etc., used.

TABLE 2 - NUMBER OF FACTORIES, EMPLOYMENT AND ENGINES IN USE, SOUTH AUSTRALIA, 1965-66

Industrial Class	Establishments	Employment (a)		Engines in Use (b)	
		Males	Females	Electric	Other
		Number			Horsepower
Treatment of non-metal mine products	206	2,178	143	43,473	4,092
Bricks, pottery, glass, etc.	73	2,070	207	19,498	388
Chemicals, dyes, paints, etc.	106	2,775	521	28,197	13,916
Metals, machines, conveyances	3,051	61,244	8,348	349,356	42,601
Metals, machines, etc., includes -					
Plant, equipment, and machinery	285	10,763	2,165	47,083	145
Electrical engineering, incl. radio	237	3,348	2,249	8,640	23
Other engineering	256	5,006	372	21,441	282
Construction and repair of vehicles -					
Motor vehicle repairs	1,423	6,698	579	11,548	358
Motor bodies	343	15,115	667	64,025	-
Other (incl. ships and boats)	140	7,090	561	34,060	12
Sheet metal working	127	3,004	698	10,802	2
Pipes, tubes, etc. (ferrous)	9	2,471	219	22,734	-
Textiles, etc. (not dress)	60	1,294	1,513	9,119	-
Skins and leather	40	876	139	5,321	8
Clothing (except knitted)	539	1,804	3,593	5,329	60
Food, drink, and tobacco	743	8,149	4,175	73,115	1,843
Sawmills, joinery, etc.	451	5,477	457	55,474	4,532
Furniture of wood, bedding, etc.	211	1,770	531	7,498	-
Paper, stationery, printing, etc.	192	4,029	1,423	30,341	1,302
Rubber	58	1,257	258	19,163	50
Heat, light, and power	34	1,735	29	n.a.	n.a.
Other	301	1,536	812	n.a.	n.a.
Total	6,065	96,194	22,149	656,699	71,326

(a) Average employment over whole year, including working proprietors.
 (b) Excludes motors in reserve or idle, totalling 62,317 H.P., motors driven by electricity generated in own works, and motors used in central electric stations to drive generators.
 (c) Includes radio, television, etc.
 n.a. Not available.

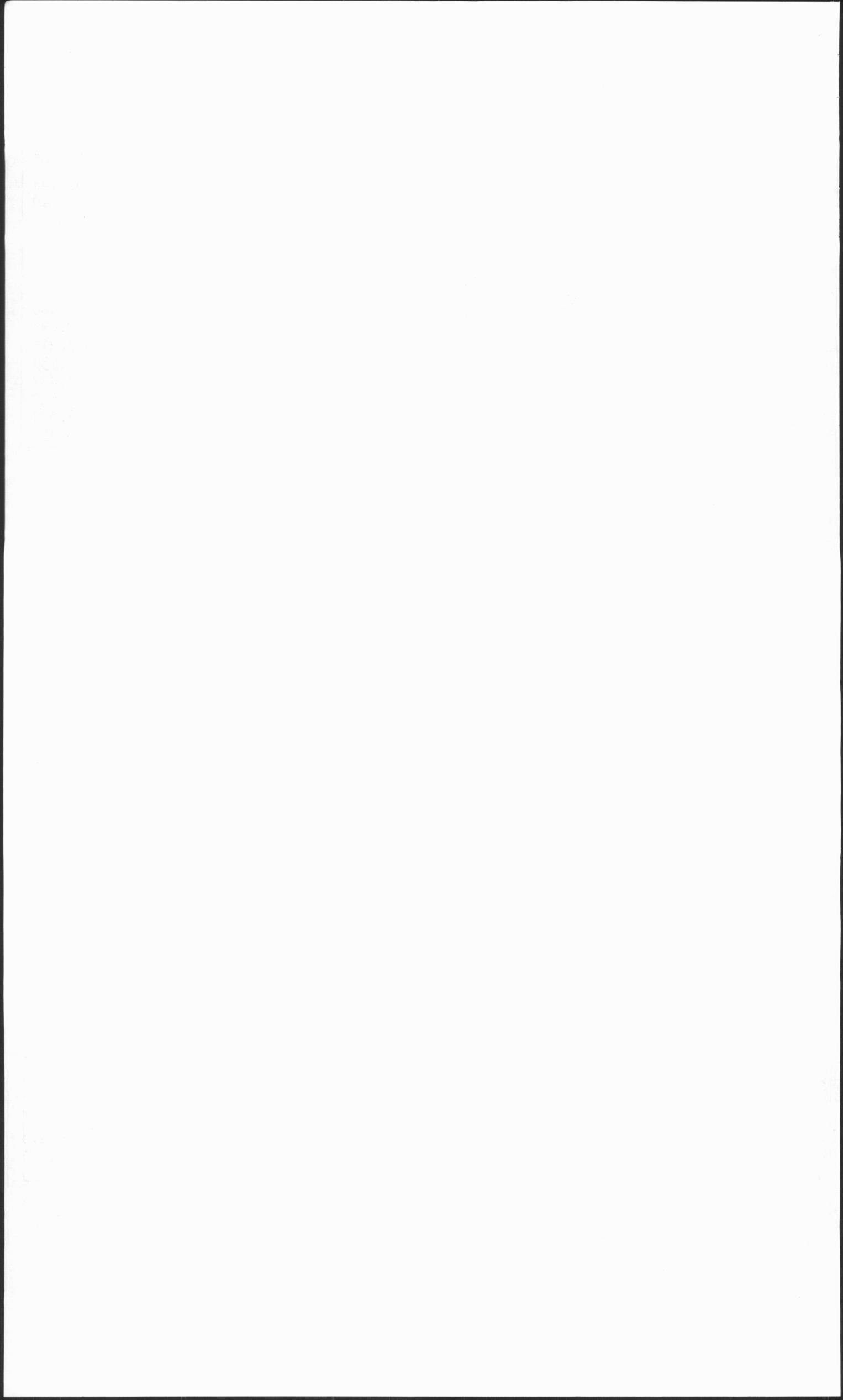


TABLE 3 - FACTORY OPERATIONS, INDUSTRIAL CLASSES, SOUTH AUSTRALIA, 1965-66

Industrial Class	Salaries and Wages Paid	Costs of Production		Value of Production	Value of Output	Land and Buildings	Plant and Machinery
		Materials Used	Other (a)				
\$'000							
Treatment of non-metal mine products	6,132	17,244	4,429	17,807	39,480	9,120	17,783
Bricks, pottery, glass, etc.	5,956	5,539	2,745	11,115	19,398	5,390	8,539
Chemicals, dyes, paints, etc.	9,296	51,529	10,295	35,263	97,087	10,039	35,542
Metals, machines, conveyances	175,123	373,236	34,512	294,482	702,230	145,884	207,816
Metals, machines, etc., includes -							
Plant, equipment, and machinery	32,656	52,214	4,410	55,323	111,947	20,191	14,180
Electrical engineering, incl. radio	11,894	19,454	1,309	19,820	40,583	9,578	3,597
Other engineering	13,887	15,138	931	19,996	36,066	9,012	8,971
Construction and repair of vehicles -							
Motor vehicle repairs	13,655	16,689	938	23,383	41,011	19,650	4,006
Motor bodies	42,734	138,260	6,849	73,072	218,182	42,631	50,238
Other (incl. ships and boats)	20,252	23,234	1,570	31,012	55,816	9,587	10,239
Sheet metal working	8,764	16,746	1,113	16,237	34,096	6,614	4,087
Pipes, tubes, etc.	7,635	13,794	1,793	12,430	28,017	3,790	3,792
Textiles, etc. (not dress)	5,597	10,589	1,153	9,796	21,538	4,374	4,606
Skins and leather	2,459	9,907	783	3,954	14,644	1,332	1,121
Clothing (except knitted)	7,975	8,471	773	12,965	22,209	7,337	3,629
Food, drink, and tobacco	26,246	96,290	23,154	55,691	175,135	37,015	28,245
Sawmills, joinery, etc.	12,300	27,638	1,881	23,012	52,531	10,454	9,298
Furniture of wood, bedding, etc.	4,148	8,408	351	7,696	16,455	4,265	1,284
Paper, stationery, printing, etc.	13,335	21,036	2,700	25,939	49,675	15,889	25,667
Rubber	4,419	7,543	1,044	6,996	15,582	4,316	6,683
Heat, light and power	5,457	3,395	11,137	13,687	28,218	16,352	70,679
Other	4,509	6,487	795	9,075	16,357	4,764	2,566
Total	282,951	647,311	95,751	527,477	1,270,539	276,531	423,458

(a) Containers, tools replaced, repairs to plant and buildings, and power, fuel, etc., used.

(b) Includes radio, television, etc.

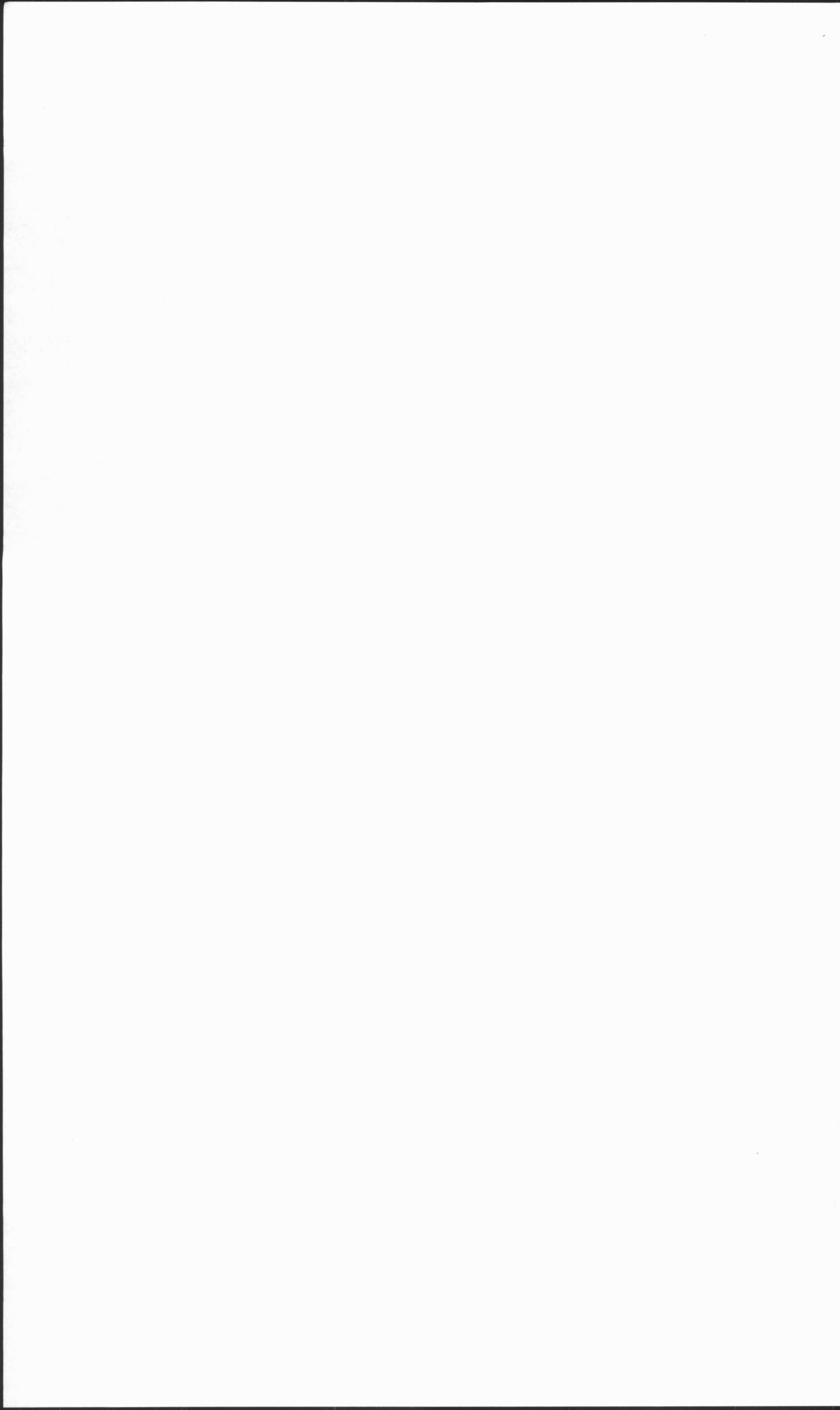


TABLE 4 - EMPLOYMENT IN FACTORIES AT 30TH JUNE, SOUTH AUSTRALIA

Particulars	1961-62	1962-63	1963-64	1964-65	1965-66
Working proprietors -					
Males	3,417	3,426	3,367	3,376	3,439
Females	665	677	683	611	535
Wage and salary earners -					
Under 16 yrs - Males	953	893	677	528	471
Females	993	872	721	539	471
16 - 20 yrs - Males	7,898	8,816	9,675	10,143	10,487
Females	4,237	4,646	5,119	5,644	5,376
21 yrs and over - Males	72,124	75,237	79,176	82,621	81,094
Females	12,038	12,483	13,714	15,065	15,259
Total	102,325	107,050	113,132	118,527	117,132

TABLE 5 - PERSONS EMPLOYED IN FACTORIES, SOUTH AUSTRALIA (a)

Industrial Class	1961-62	1962-63	1963-64	1964-65	1965-66
Treatment of non-metal mine products	2,173	2,282	2,325	2,382	2,321
Bricks, pottery, glass, etc.	2,124	2,225	2,203	2,264	2,277
Chemicals, dyes, paints, etc.	2,942	2,944	3,215	3,244	3,296
Metals, machines, conveyances	55,245	60,470	64,479	68,516	69,592
Metals, machines, etc. includes -					
Plant, equipment, and machinery	10,154	10,733	11,364	12,500	12,928
Electrical engineering, incl. radio	4,183	4,700	5,184	5,517	5,597
Other engineering	4,721	4,783	5,045	5,278	5,378
Construction and repair of vehicles -					
Motor vehicle repairs	6,141	6,742	7,158	7,443	7,277
Motor bodies	10,453	13,072	14,626	16,076	15,782
Other (incl. ships and boats)	7,874	7,914	7,964	7,442	7,651
Sheet metal working	2,835	3,080	3,322	3,560	3,702
Pipes, tubes, etc. (ferrous)	2,151	2,209	2,391	2,668	2,690
Textiles, etc. (not dress)	2,520	2,533	2,522	2,685	2,807
Skins and leather	1,133	1,164	1,203	1,035	1,015
Clothing (except knitted)	5,023	5,098	5,312	5,471	5,397
Food, drink, and tobacco	11,362	11,241	11,614	11,914	12,324
Sawmills, joinery, etc.	5,256	5,311	5,457	5,791	5,934
Furniture of wood, bedding, etc.	2,069	2,191	2,332	2,226	2,301
Paper, stationery, printing, etc.	4,698	4,868	4,986	5,178	5,452
Rubber	1,074	1,148	1,248	1,328	1,515
Heat, light, and power	1,890	1,963	1,933	1,932	1,764
Other	1,585	1,827	1,984	2,217	2,348
Total	99,094	105,265	110,813	116,183	118,343

(a) Average employment over whole year, including working proprietors.
(b) Includes radio, television, etc.

TABLE 6 - CLASSIFICATION OF FACTORIES BY NUMBER OF PERSONS EMPLOYED, SOUTH AUSTRALIA

Number of Employees	1961-62	1962-63	1963-64	1964-65	1965-66
	Number of Factories				
Under 5	3,010	3,165	3,143	3,205	3,380
From 5 to 10	1,174	1,228	1,259	1,218	1,180
From 11 to 20	589	621	636	650	681
From 21 to 50	434	429	446	462	464
From 51 to 100	169	171	184	186	191
Over 100	143	152	158	166	169
Total number of factories	5,519	5,766	5,826	5,887	6,065

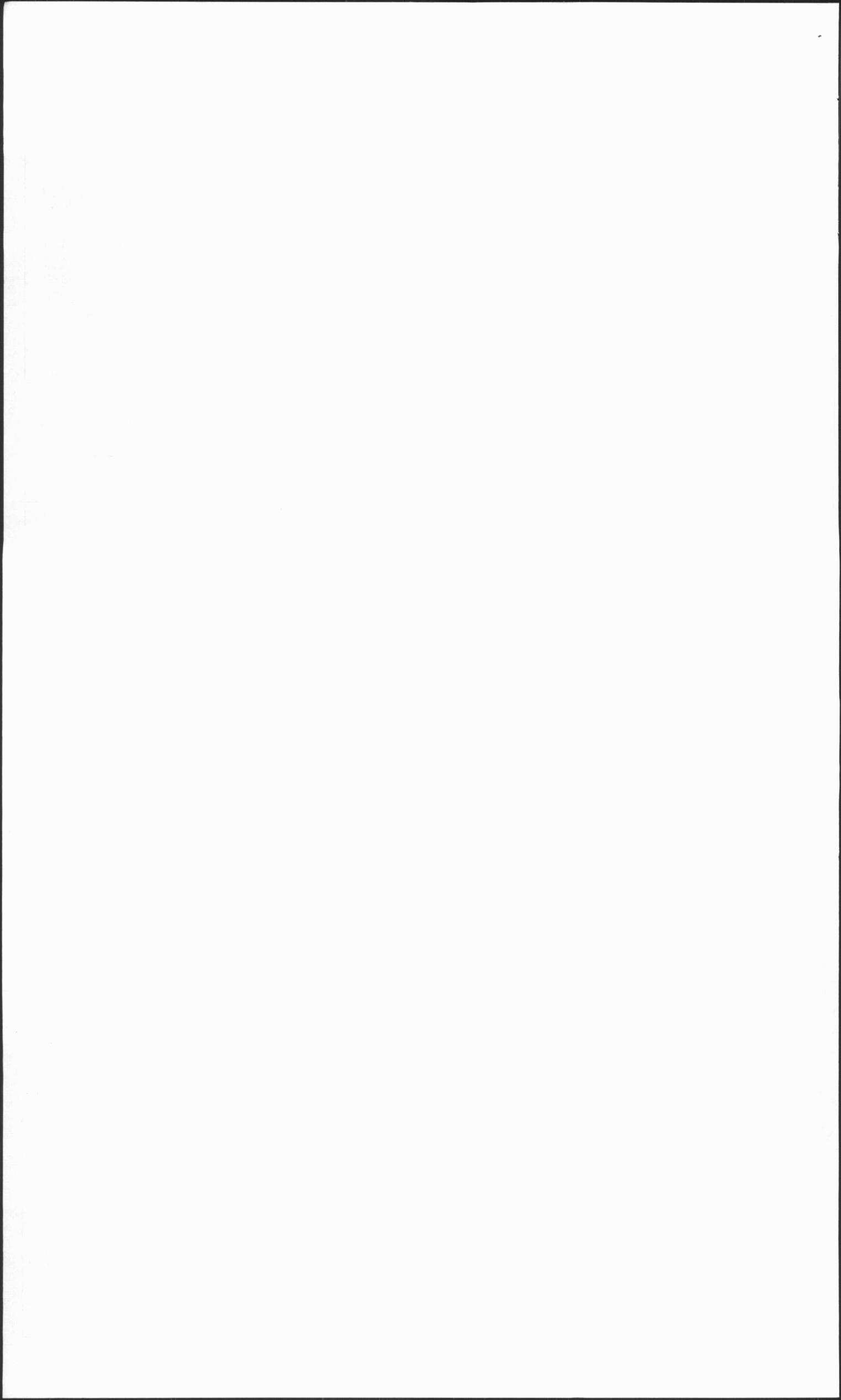


TABLE 7 - COSTS OF PRODUCTION IN FACTORIES, SOUTH AUSTRALIA

Particulars	1961-62	1962-63	1963-64	1964-65	1965-66
\$ '000					
Materials Used	390,670	466,238	558,884	620,682	647,311
Containers	19,988	20,447	21,806	24,790	26,449
Tools replaced and repairs to plant and buildings	14,464	16,175	18,969	23,474	25,236
Electricity	8,751	9,970	11,212	12,555	13,794
Gas	524	595	650	703	967
Lubricating oil and water	1,578	1,712	1,971	2,222	2,535
Tons					
Coal (a) - Leigh Creek	1,264,002	1,382,095	1,556,986	1,857,634	1,926,672
Other	417,790	419,714	376,866	342,449	287,559
Coke	342,426	329,610	315,322	288,840	389,559
Wood	224,771	249,124	273,172	243,409	260,712
Fuel oils (inc. tar fuel) (a)	256,134	310,100	401,291	496,735	625,748

(a) Includes quantities classified as materials used.

TABLE 8 - VALUE OF FACTORY PRODUCTION, SOUTH AUSTRALIA

Industrial Class	1961-62	1962-63	1963-64	1964-65	1965-66
\$ '000					
Treatment of non-metal mine products	12,199	14,729	16,766	17,952	17,807
Bricks, pottery, glass, etc.	8,269	9,698	10,650	11,575	11,115
Chemicals, dyes, paints, etc.	17,965	20,694	26,420	33,116	35,263
Metals, machines, conveyances	182,659	203,585	226,582	273,902	294,482
Metals, machines, etc., includes -					
Plant, equipment, machinery	32,230	35,799	41,045	48,414	55,323
Electrical engineering, incl. radio	12,305	16,369	17,456	20,086	19,820
Other engineering	14,061	15,325	16,461	18,668	19,996
Construction and repair of vehicles -					
Motor vehicle repairs	15,176	17,534	19,725	22,413	23,383
Motor bodies	33,277	43,203	48,861	63,517	73,072
Other (incl. ships and boats)	22,856	23,990	25,449	26,851	31,012
Sheet metal working	9,236	10,569	12,968	15,094	16,237
Pipes, tubes, etc. (ferrous)	9,377	9,651	11,780	14,556	12,430
Textiles, etc. (not dress)	7,976	7,696	8,439	9,698	9,796
Skins and leather	3,044	3,441	3,595	3,564	3,954
Clothing (except knitted)	10,581	11,013	11,749	12,162	12,965
Food, drink, and tobacco	42,173	41,402	46,860	52,765	55,691
Sawmills, joinery, etc.	17,201	16,905	19,079	22,023	23,012
Furniture of wood, bedding, etc.	6,170	6,521	7,151	7,173	7,696
Paper, stationery, printing, etc.	17,733	19,311	21,709	23,561	25,939
Rubber	5,083	5,579	6,646	6,799	6,996
Heat, light, and power	12,003	12,758	14,507	15,560	(b) 13,687
Other	4,772	5,810	7,203	8,737	9,075
Total	347,828	379,142	427,356	498,588	527,477

(a) Includes radio, television, etc.

(b) Previously included value of certain distribution processes (currently estimated at \$2 million).

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